

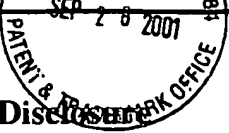
<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  <i>(Use Several Sheets if Necessary)</i>	<b>Atty Docket No.:</b> 0037.00	<b>Application No.:</b> 09/414,384
	<b>Applicant:</b> Clark et al.	
	<b>Filing Date:</b> 10-7-99	<b>Group:</b> 3761

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation Yes No	
	A	WO99/27987	6-10-1999	PCT				
	B	WO95/34337	12-21-1995	PCT				
	C	WO99/47196	9-23-1999	PCT				
	D	WO95/24183	9-14-95	PCT				

<b>Examiner:</b>	<b>Date Considered:</b>
------------------	-------------------------

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  <i>(Use Several Sheets if Necessary)</i>	<b>Atty Docket No.:</b> 0037.00	<b>Application No.:</b> 09/414,384
<b>Applicant:</b> Clark et al.		
<b>Filing Date:</b> 10-7-99		<b>Group:</b> 3761

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication						
	A	WO97/40819	11-6-1997	PCT				
	B	WO00/21594	4-20-2000	PCT				
	C	WO99/46055	6-16-1999	PCT				
	D	WO98/32479	7-30-1998	PCT				
	E	1,598,053	9-16-1981	Great Britain				

<b>Examiner:</b>	<b>Date Considered:</b>
------------------	-------------------------

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  <i>(Use Several Sheets if Necessary)</i>	<b>Atty Docket No.:</b> 0037.00	<b>Application No.:</b> 09/414,384
	<b>Applicant:</b> Clark et al.	
	<b>Filing Date:</b> 10-7-99	<b>Group:</b> 3761

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	E	Clark et al. "The Relationship Between Powder Inhaler Resistance and Peak Inspiratory Conditions in Healthy Volunteers- Implications for In Vitro Testing" Journal of Aerosol Medicine, vol. 6, no. 2, pp. 99-110, 1993.
	F	Hill, "Characteristics of an Active, Multiple Dose Dry Powder Inhaler" Respiratory Drug Delivery IV, pp 109-116 (1994).
	G	Dolovich "Physical Principles Underlying Aerosol Therapy" Journal of Aerosol Medicine, vol. 2, no. 2, pp. 171-186, 1989.
	H	Clark "Effect of Powder Inhaler Resistance Upon Inspiratory Profiles in Health and Disease" Respiratory Drug Delivery IV, pp. 117-123, (1994).
	I	Ross et al. "Effect of Inhalation Flow Rate on the Dosing Characteristics of Dry Powder Inhaler (DPI) and Metered Dose Inhaler (MDI) Products" Journal of Aerosol Medicine, vol. 9, no. 2, pp. 215-226 (1996).
	J	Lawford et al. "Pressurized Aerosol Inhaler Techniques: How Important are Inhalation from Residual Volume, Inspiratory Flow Rate and the Time Interval Between Puffs?" J. Dis. Chest, 77, pp. 276-281 (1983).

<b>Examiner:</b>	<b>Date Considered:</b>
------------------	-------------------------

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

no persons are required to

SEP 28 2001

CLOSURE

APPLICANT

TRADE MARK

PTO/SB/08A (10-98)  
for use through 10/31/99. OMB 0651-0031  
Office: U.S. DEPARTMENT OF COMMERCE  
unless it contains a valid OMB control number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

**Complete if Known**

Application Number	09/414,384
Filing Date	10/07/1999
First Named Inventor	Andrew Clark
Group Art Unit	1615
Examiner Name	Unassigned
Attorney Docket Number	0037.00

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet



1

09/414.384

10/07/1999
------------

**Andrew Clark**

1615

Unassigned
------------

0037.00
---------

**SEP 28 2001**

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

~~NO. 9~~

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

१२

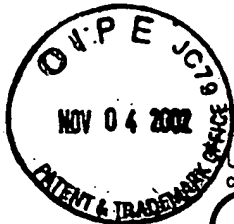
1A ELLIOTT ET AL.. " " Aust. Paediatr. J.. p. 293-297. ( February 28, 1987).

Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/414,384
Filing Date	10/07/1999
First Named Inventor	Andrew Clark
Art Unit	3236
Examiner Name	A. Lewis
Attorney Docket Number	0037.00

NOV - 7 2002  
TECHNOLOGY CENTER R3700**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	1	HU	213685		Norton Healthcare		
	2	HU	217917		Dura		
	3	HU	181864		Aktiebolaget Draco		
	4	HU	P9602818		Dura		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



